


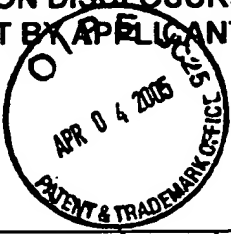
INFORMATION DISCLOSURE STATEMENT BY APPLICANT 			<i>Complete if Known</i>		
			Application Number	09/852,910	
			Filing Date	May 11, 2001	
			First Named Inventor	Annette GILCHRIST et al.	
			Group Art Unit	1639	
			Examiner Name	Wessendorf, Teresa D.	
			Confirmation No.	4758	
Sheet	1	of	2	Attorney Docket Number	2661-101

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
TAD	1	ARIS et al., "Structural requirements for the stabilization of metarhodopsin II by the C terminus of the α subunit of Transducin," <i>J. Biol. Chem.</i> , 276(4):2333-2339, 2001.		
	2	BUCK et al., "Role of dynamic interactions in effective signal transfer for G β stimulation of phospholipase C- β 2," <i>J. Biol. Chem.</i> , 277(51):49707-49715, 2002.		
	3	CHEADLE et al., "Identification of a Src SH3 domain binding motif by screening a random phage display library," <i>J. Biol. Chem.</i> , 269(39):24034-24039, 1994.		
	4	COPELAND, Robert A., "Mechanistic considerations in high-throughput screening," <i>Analytical Biochemistry</i> , 320:1-12, 2003.		
	5	CULL et al., "Screening for receptor ligands using large libraries of peptides linked to the C terminus fo the <i>lac</i> repressor," <i>Proc. Natl. Acad. Sci.</i> , 89:1865-1869, 1992.		
	6	CWIRLA et al., "Peptide agonist of the thrombopoietin receptor as potent as the natural cytokine," <i>Science</i> , 276:1696-1699, June 13, 1997.		
	7	DANI, Maria, "Peptide display libraries: design and construction," <i>J. Of Receptor & Signal Transduction Research</i> , 21(4):469-488, 2001.		
	8	FRANCKEN et al., "Human 5-hydroxytryptamine _{5A} receptors activate coexpressed G _i and G _o proteins in <i>Spodoptera frugiperda</i> 9 cells," <i>Mol. Pharm.</i> , 57:1034-1044, 2000.		
	9	GILCHRIST et al., "Use of peptides-on-plasmids combinatorial library to identify high-affinity peptides that bind rhodopsin," <i>Methods in Enzymology</i> , 315:388-404, 2000.		
	10	GLASS et al., "Agonist selective regulation of G proteins by cannabinoid CB ₁ and CB ₂ receptors," <i>Mol. Pharmacol.</i> , 56:1362-1369, 1999.		
V	11	HALL, David A., "Modeling the functional effects of allosteric modulators at pharmacological receptors: an extension of the two-state model of receptor activation," <i>Mol. Pharmacol.</i> , 58:1412-1423, 2000.		
Examiner Signature	T. Wessendorf		Date Considered	7/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

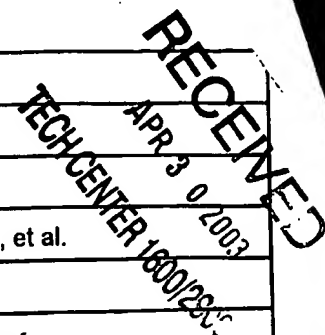
⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT 				<i>Complete if Known</i>	
				Application Number	09/852,910
				Filing Date	May 11, 2001
				First Named Inventor	Annette GILCHRIST et al.
				Group Art Unit	1639
				Examiner Name	Wessendorf, Teresa D.
				Confirmation No.	4758
Sheet	2	of	2	Attorney Docket Number	2661-101

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²		
tdw	12	KAY et al., "Screening phage-displayed combinatorial peptide libraries," <i>Methods</i> , 24:240-246, 2001.			
	13	KOIVUNEN et al., "Identification of receptor ligands with phage display peptide libraries," <i>J. Nucl. Med.</i> , 40:883-888, 1999.			
	14	MARTIN et al., "Potent peptide analogues of a G protein receptor-binding region obtained with a combinatorial library," <i>J. Biol. Chem.</i> , 271(1):361-366, 1996.			
	15	NEUBIG et al., "International union of pharmacology committee on receptor nomenclature and drug classification. XXXVIII. Update on terms and symbols in quantitative pharmacology," <i>Pharmacol. Rev.</i> , 55:597-606, 2003.			
	16	RODI et al., "Phage-display technology-finding a needle in a vast molecular haystack," <i>Current Opinion in Biotechnology</i> , 10:87-93, 1999.			
	17	SCHATZ et al., "Screening of peptide libraries linked to <i>lac</i> receptor," <i>Methods in Enzymology</i> , 267:171-191, 1996.			
	18	SUNDBERG, Steven A., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <i>Current Opinion in Biotechnology</i> , 11:47-53, 2000.			
	19	SZARDENINGS et al., "New highly specific agonistic peptides for human melanocortin MC ₁ receptor," <i>Peptides</i> , 21:239-243, 2000.			
	20	WINDH et al., "Differential coupling of the sphingosine 1-phosphate receptors Edg-1, Edg-3, and H218/Edg-5 to the G _i , G _q , and G12 families of heterotrimeric G Proteins," <i>J. Biol. Chem.</i> , 274(39):27351-27358, 1999.			
	21	ZWICK et al., "Phage-displayed peptide libraries," <i>Current Opinion in Biotechnology</i> , 9:427-436, 1998.			
Examiner Signature	T. Wessendorf			Date Considered	7/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.



Complete if Known

APR 25 2003

Application Number

09/852,910

Filing Date

May 11, 2001

First Named Inventor

Annette GILCHRIST, et al.

Group Art Unit

1639

Examiner Name

Teresa D. Wessendorf

Sheet

1

of

3

Attorney Docket Number

2661-101

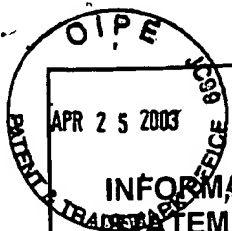
[illegible][illegible]

**Examiner
Signature**

Date Considered

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

Best Available Copy



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

RECEIVED
APR 30 2003
TECH CENTER 1600/2900

<p>Sheet 2 of 3</p>				Application Number	09/852,910
				Filing Date	May 11, 2001
				First Named Inventor	Annette GILCHRIST, et al.
				Group Art Unit	1639
				Examiner Name	Teresa D. Wessendorf
				Attorney Docket Number	2661-101

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
<i>tpw</i>	AD	Jones, Philip G., et al., "Non-Binding Site Modulation of G Protein-Coupled Receptor Signalling," <u>Exp. Opin. Ther. Patents</u> 9(12):1641-1654, 1999.	
	AE	Stephen W. Edwards, et al., "Localization of G-Protein-Coupled Receptors in Health and Disease," <u>TIPS</u> 21: 304-308, August 2000.	
	AF	Shahab A. Akhter, et al., "Targeting the Receptor-G _s Interface to Inhibit in Vivo Pressure Overload Myocardial Hypertrophy," <u>Science</u> , 280: 574-577, April 24, 1998.	
	AG	Thomas Carell, et al., "New Promise in Combinatorial Chemistry: Synthesis, Characterization, and Screening of Small-Molecule Libraries in Solution," <u>Chemistry & Biology</u> 2: 171-183, March 1995.	
	AH	Mark A. Wall, et al. "The Structure of the G Protein Heterotrimer G _{α1β1γ2} ", <u>Cell</u> 83: 1047-1058, December 15, 1995.	
	AI	David E. Coleman, et al., "Structures of Active Conformations of G _{α11} and the Mechanism of GTP Hydrolysis," <u>Science</u> 265: 1405-1412, September 2, 1994.	
	AJ	Chad A. Ellis, et al., "Thrombin Induces Proteinase-Activated Receptor-1 Gene Expression in Endothelial Cells Via Activation of G _i -Linked Ras/Mitogen-Activated Protein Kinase Pathway," <u>J. of Biol. Chem.</u> , 274 (19): 13718-13727, May 7, 1999.	
	AK	Bo Yu, et al. "Inhibition of Subsets of G Protein-Coupled Receptors By Empty Mutants of G Protein α Subunits in G ₀ , G ₁₁ , and G ₁₆ ," <u>J. of Biol. Chem.</u> , 275 (1): 71-76, January 7, 2000.	
	AL	Bo Yu, et al., "Interaction of the Xanthine Nucleotide Binding Goα Mutant With G Protein-Coupled Receptors," <u>J. of Biol. Chem.</u> 273(46): 30183-30188, November 13, 1998.	
	AM	Jie Liu, et al., "Identification of a Receptor/G-Protein Contact Site Critical for Signaling Specificity and G-Protein Activation," <u>Proc. Natl. Acad. Sci. USA</u> 92: 11642-11646, December 1995.	
	AN	Grigory Krapivinsky, et al., "G _{βγ} Binding to GIRK4 Subunit Is Critical for G Protein-Gated K ⁺ Channel Activation," <u>J. of Biol. Chem.</u> 273(27): 16946-16952, July 3, 1998.	
↓	AO	Grigory Krapivinsky, et al. "G _{βγ} Binding to GIRK4 Subunit Is Critical for G Protein-Gated K ⁺ Channel, I _{KACH} ," <u>J. of Biol. Chem.</u> 270(49): 29059-29062, December 8, 1995.	

Examiner Signature

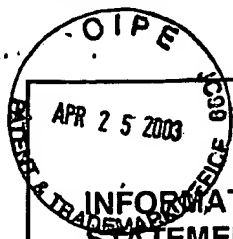
T. Wessendorf

Date Considered

1/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Best Available Copy



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	09/852,910
Filing Date	May 11, 2001
First Named Inventor	Annette GILCHRIST, et al.
Group Art Unit	1639
Examiner Name	Teresa D. Wessendorf

Sheet	3	of	3	Attorney Docket Number	2661-101
-------	---	----	---	------------------------	----------

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JHW	AP	Lutz F. Tietze, et al., "Domino Reactions for Library Synthesis of Small Molecules in Combinatorial Chemistry," <u>Curr. Opin. in Chem. Biol.</u> 2: 363-371, 1998.	
	AQ	Margaret O. Sowell, et al., "Targeted Inactivation of α_{12} or α_{13} Disrupts Activation of the Cardiac Muscarinic K ⁺ Channel, I_{K+Ach} , in Intact Cells," <u>Proc. Natl. Acad. Sci. USA</u> 94: 7921-7926, July 1997.	
	AR	Heidi E. Hamm, "The Many Faces of G Protein Signaling," <u>J. of Biol. Chem.</u> 273(2): 669-672, January 9, 1998.	
	AS	C. Höller, et al., "G Proteins As Drug Targets," <u>Cell. Mol. Life Sci.</u> 55: 257-270, 1999.	
✓	AT	Peter J. Schatz, et al., "Screening of Peptide Libraries Linked to Lac Repressor," <u>Methods in Enzymology</u> 267: 171-191, 1996.	
Examiner Signature	T.D. Wessendorf		Date Considered 7/5/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Best Available Copy

Best Available Copy

RECEIVED
APR 30 2003
TECH CENTER 1600/2300